Title (en)

Inert gas fire extinguisher for reducing the risk of and extinguishing fires in a protected area

Title (de)

Inertgasfeuerlöschanlage zur Minderung des Risikos und zum Löschen von Bränden in einem Schutzraum

Title (fr)

Installation de gaz inerte destinée à la réduction du risque et à l'extinction d'incendies dans un espace protégé

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010040771A1] The invention relates to an inert gas fire extinguisher (100) for reducing the risk and for extinguishing fires in a protected space (10, 10-1, 10-2). In order to ensure that the protected space (10, 10-1, 10-2) can be inerted according to different adjustable event sequences, the inert gas fire extinguisher (100) comprises a pressure reducing device (6) with at least two parallel branches (21, 31, 41), wherein each parallel branch (21, 31, 41) comprises a pressure reducing device (22, 32, 42). Each parallel branch (21, 31, 41) can be connected to a high pressure collecting line (3) and to a low-pressure extinguishing line (4, 4-1, 4-2) by way of a controllable valve (23, 33, 43), wherein each pressure reducing device (22, 32, 42) is adapted to reduce a high input pressure to a low output pressure according to a known pressure reducing characteristic.

IPC 8 full level

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CPC (source: EP US)

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